

## BARTHOLOMEW COUNTY: Key Data Points

- Bartholomew County's birth rate for "other" race (non-white, non-black) ranks higher than the overall state of Indiana's birth rate for "other" race, 16.7 versus 14.0 respectively.
- More mothers are utilizing prenatal care during the 1<sup>st</sup> trimester of pregnancy compared to the state of Indiana, 84.8% versus 80.6% respectively.
- More black mothers are breastfeeding on discharge in Bartholomew county compared to black mothers overall in the state of Indiana, 78.6% versus 42.6% respectively
- Bartholomew county observed 23 accidental deaths (11 of which were motor vehicle), 6 suicidal deaths, and 2 homicide

**Note:** All figures relate to 2004 data from the Indiana State Department of Health, unless otherwise specified

**Figure 1: Births**

|                           | Total  |             | White  |             | Black  |             | Other  |             |
|---------------------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
|                           | Number | Crude Rate* | Number | Crude Rate* | Number | Crude Rate* | Number | Crude Rate* |
|                           |        |             |        |             |        |             |        |             |
| <b>Bartholomew County</b> | 1,047  | 14.3        | 986    | 14.3        | 20     | 14.1        | 41     | 16.7        |
| <b>INDIANA</b>            | 87,125 | 14.0        | 75,680 | 13.7        | 9,582  | 17.5        | 1,863  | 11.7        |

\* births per 1,000 population; U = unstable rate, based on fewer than 20 births

**Figure 2: Infant Mortality**

|                     |                         | NUMBER      |                        |                             |                                    | RATE*                  |                             |                                    |
|---------------------|-------------------------|-------------|------------------------|-----------------------------|------------------------------------|------------------------|-----------------------------|------------------------------------|
| COUNTY OF RESIDENCE | REPORTED RACE/ETHNICITY | Live Births | Infant Deaths (< 1 yr) | Neonatal Deaths (< 28 days) | Post Neonatal Deaths (28-364 days) | Infant Deaths (< 1 yr) | Neonatal Deaths (< 28 days) | Post Neonatal Deaths (28-364 days) |
|                     |                         |             |                        |                             |                                    |                        |                             |                                    |
| <b>BARTHOLOMEW</b>  | All Races               | 1,047       | 8                      | 8                           | 0                                  | **                     | **                          | 0.0                                |
|                     | White                   | 986         | 6                      | 6                           | 0                                  | **                     | **                          | 0.0                                |
|                     | Black                   | 20          | 1                      | 1                           | 0                                  | **                     | **                          | 0.0                                |
|                     | Other                   | 41          | 1                      | 1                           | 0                                  | **                     | **                          | 0.0                                |
|                     | Hispanic                | 97          | 3                      | 3                           | 0                                  | **                     | **                          | 0.0                                |
| <b>INDIANA</b>      | All Races               | 87,125      | 702                    | 472                         | 230                                | 8.1                    | 5.4                         | 2.6                                |
|                     | White                   | 75,680      | 522                    | 354                         | 168                                | 6.9                    | 4.7                         | 2.2                                |
|                     | Black                   | 9,582       | 164                    | 105                         | 59                                 | 17.1                   | 11.0                        | 6.2                                |
|                     | Other                   | 1,863       | 16                     | 13                          | 3                                  | **                     | **                          | **                                 |
|                     | Hispanic                | 7,237       | 65                     | 50                          | 15                                 | 9.0                    | 6.9                         | **                                 |

\*rate per 1,000 live births \*\*Numerator is less than 20 and the rate is unstable

**Figure 3: Outcome Indicators of Mother, by Race**

|                           |              | Birth Weight         |                           |             |                       | During Pregnancy |          |                     |
|---------------------------|--------------|----------------------|---------------------------|-------------|-----------------------|------------------|----------|---------------------|
| <b>BARTHOLOMEW COUNTY</b> | Total Births | % Low (< 2500 grams) | % Very Low (< 1500 grams) | % Preterm † | % PNC 1st Trimester ‡ | % Alcohol        | % Smoked | % Unmarried Parents |
| White                     | 986          | 6.8                  | 1.6                       | 7.1         | 79.7                  | 0.1              | 17.3     | 37.6                |
| Black                     | 20           | 15.0                 | 10.0                      | 15.0        | 80.0                  | 0.0              | 35.0     | 65.0                |
| All Races                 | 1,047        | 7.0                  | 1.8                       | 7.3         | 80.0                  | 0.2              | 17.0     | 36.8                |

|                |              | Birth Weight         |                           |             |                       | During Pregnancy |          |                     |
|----------------|--------------|----------------------|---------------------------|-------------|-----------------------|------------------|----------|---------------------|
| <b>INDIANA</b> | Total Births | % Low (< 2500 grams) | % Very Low (< 1500 grams) | % Preterm † | % PNC 1st Trimester ‡ | % Alcohol        | % Smoked | % Unmarried Parents |
| All Races      | 87,125       | 8.1                  | 1.5                       | 10.2        | 79.3                  | 0.6              | 18.0     | 38.8                |
| White          | 75,680       | 7.4                  | 1.3                       | 9.9         | 80.8                  | 0.6              | 18.8     | 34.4                |
| Black          | 9,582        | 13.7                 | 3.0                       | 13.9        | 67.1                  | 0.9              | 14.4     | 77.9                |

† Preterm: less than 37 weeks gestation

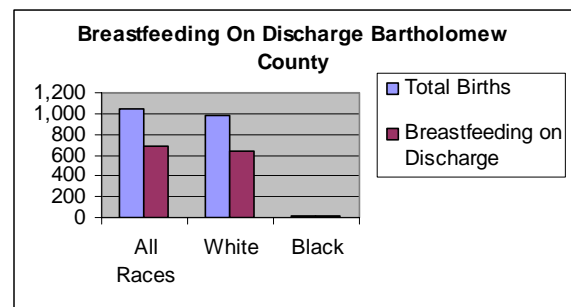
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

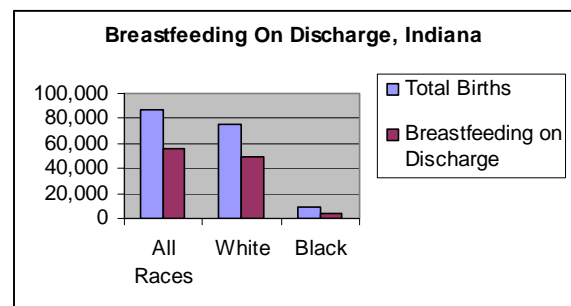
\*\*\* Outcomes for this county are suppressed due to 20 or fewer total births

**Figure 4: Breastfeeding**

| <b>BARTHOLOMEW COUNTY</b>    | <i>All Races</i> | <i>White</i> | <i>Black</i> |
|------------------------------|------------------|--------------|--------------|
| Total Births                 | 1,047            | 986          | 20           |
| Breastfeeding on Discharge   | 682              | 636          | 10           |
| % Breastfeeding on Discharge | 65.1             | 64.5         | 50.0         |



| <b>INDIANA</b>               | <i>All Races</i> | <i>White</i> | <i>Black</i> |
|------------------------------|------------------|--------------|--------------|
| Total Births                 | 87,125           | 75,680       | 9,582        |
| Breastfeeding on Discharge   | 55,556           | 49,825       | 4,269        |
| % Breastfeeding on Discharge | 63.8             | 65.8         | 44.6         |



**Figure 5: HIV/AIDS**

|   | <b>Total # of AIDS cases<br/>reported since 1982</b> | <b>Total # of HIV cases<br/>reported since 1985</b> |
|---|--|---|
| <b>BARTHOLOMEW<br/>COUNTY<br/>INDIANA</b> | 57<br>7,989  | 23<br>3,945   |

\*numbers current through June 2006

**Figure 6: Nutritional Risk Factors by Status,  
Indiana WIC Clinics, Quarter Ending 09/30/2004**

| Local Agency: Bartholomew County Health Department<br>Counties Included: Bartholomew |                           |       |          |       |       |       |                       |
|--|---------------------------|-------|----------|-------|-------|-------|-----------------------|
| Risk<br>Factor or<br>Status  | Children 1-5 years of Age |       |          |       |       | Total | %<br>within<br>Agency |
|  | White                     | Black | Hispanic | Asian | Other |       |                       |
| Overweight   | 18                        | 1     | 6        | 0     | 1     | 26    | 4.0 %                 |
| At Risk for<br>becoming<br>Overweight  | 21                        | 1     | 7        | 0     | 2     | 31    | 4.8%                  |
| Local Agency: State Wide<br>Counties Included: All                                   |                           |       |          |       |       |       |                       |
| Risk<br>Factor or<br>Status  | Children 1-5 years of Age |       |          |       |       | Total | %<br>within<br>Agency |
|  | White                     | Black | Hispanic | Asian | Other |       |                       |
| Overweight   | 1,732                     | 445   | 800      | 12    | 97    | 3,086 | 4.8%                  |
| At Risk for<br>becoming<br>Overweight  | 2,023                     | 485   | 639      | 11    | 124   | 3,282 | 5.1%                  |

| Priority Benchmarks (Bartholomew & Indiana)   |   |             |         |
|---|---|-------------|---------|
| Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps.  |   | Bartholomew | Indiana |
| 1   | % of Population enrolled in Medicaid as of June 2003                              | 10.9        | 12.4    |
| 2   | % of Population in Food Stamps Program, 2005                                      | 7.1         | 9.0     |
| Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate   |   | Bartholomew | Indiana |
| 1   | Av Total Infant Death Rate (1995-2004)  | 7.3         | 7.9     |
| 2   | Average Fetal Death Rate (1995-2004)  | 5.1         | 6.6     |
| Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester  |   | Bartholomew | Indiana |
| 1   | Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2006)         | No Score    | NA      |
| 2   | % PNC 1st Trimester†, 2004  | 80.0        | 79.3    |
| Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning   |   | Bartholomew | Indiana |
| 1   | Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003        | 11.9        | 10.4    |
| 2   | % Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2005-2006 | 2.42        | 2.42    |
| Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking   |   | Bartholomew | Indiana |
| 1   | % of mothers Smoked During Pregnancy, 2004  | 17.0        | 18.0    |
| 2   | % of Adult Smoking in 2003  | 28.5        | 29.3    |
| Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24).  |   | Bartholomew | Indiana |
| 1   | Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2002-2004)    | 11          | 771     |
| 2   | Chlamydia rates per 100,000 county specific population (15-24yrs of Age)          | 1168.99     | 1602.35 |
| Priority #8 (obesity): Obesity in pregnant women  |   | Bartholomew | Indiana |
| 1   | Number of Obese Pregnant Women In Indiana, 2004                                   | 31          | 2,827   |
| Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates  |   | Bartholomew | Indiana |
| 1   | Child deaths due to Injury 1-14yrs (2002-2004)                                    | 4           | 279     |
| 2   | Child Abuse and Neglect per 1,000 Population under age 18, 2004                   | 10          | 13.5    |
| Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio   |   | Bartholomew | Indiana |
| 1   | % of Hispanic Population of any Race, 2005  | 3.5         | 4.5     |
| 2   | Low Birth Weight Disparity Ratio (B/W) (1995-2004)                                | 1.53        | 1.88    |
| <b>Source:</b> Data Analysis Team, ISDH; Health Resources and Service Administration; Indiana Prevention Resource Center; Data analysis team, Office of Medicaid Policy & Planning. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and |   |             |         |

Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each County.